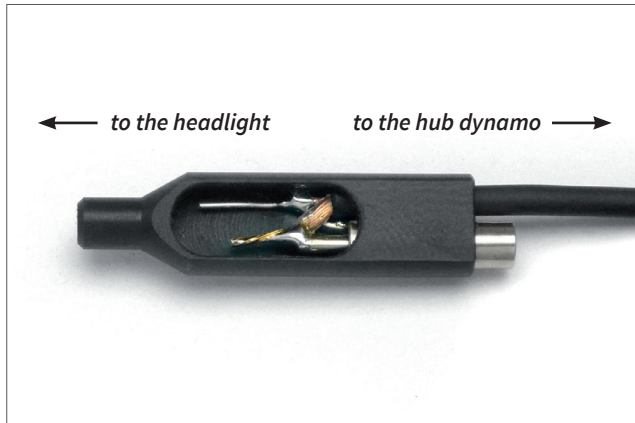


## Soldering Instructions

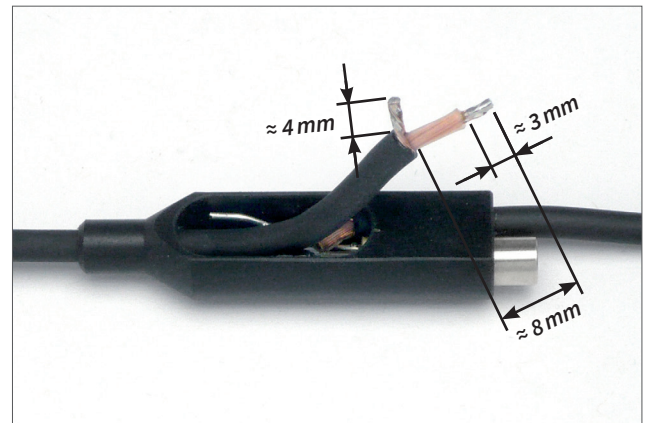
The SON Coaxial Junction Box is designed to connect an additional feed cable to a hub dynamo. The feed cable may lead to the rear light on a trailer or a charging device. This way the charging device will power a phone or a GPS device when lights are switched off.

The additional feed cable may be connected permanently or just when required. In this case position the junction box in a way that the opening of the jack socket shows downwards to avoid water remaining in it.



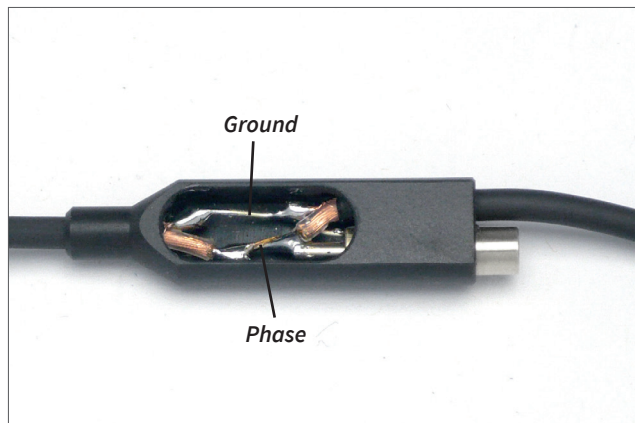
### Step 1:

Connection to headlight with coaxial cable: The cable that leads to the hub dynamo is already soldered in the junction box.



### Step 2:

Slide the thin piece of heat shrink tubing over the headlight cable. Thread cable into junction box, strip end of conductor and tin as shown in image above.



### Step 3:

Pull back headlight cable, position contacts correctly (ground to ground, phase to phase) and solder.



### Step 4:

Shrink the thin piece of heat shrink tubing over the headlight cable outside the junction box. Shrink the fat piece of heat shrink tubing over the junction box itself. The junction will become particularly robust if you fill the box with hot glue before fitting the fat piece of heat shrink tubing.